

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-237394  
 (43)Date of publication of application : 25.08.1992

(51)Int.Cl. G06K 21/00  
 B42D 15/02  
 B42D 15/10

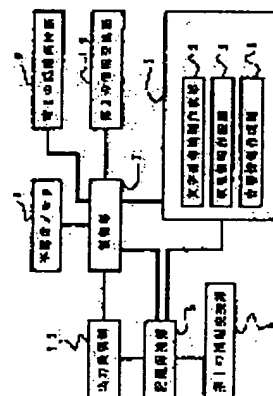
(21)Application number : 03-020483 (71)Applicant : RICOH CO LTD  
 (22)Date of filing : 21.01.1991 (72)Inventor : IIDA TORU

## (54) MULTIMEDIA BUSINESS CARD INFORMATION DEVICE

### (57)Abstract:

**PURPOSE:** To offer a multimedia business card information device for giving deep impression information to a person receiving a business card by means of character image information, video information, or voice information to be time-sequentially and spatially fixed or varied.

**CONSTITUTION:** An information forming part 1 forms multimedia information such as character image information, video information and voice information to be time-sequentially and spatially fixed or varied to express person or a company, group, etc., to which the person belongs. These information is recorded/stored in record storing parts 5, 9 and semiconductor memory 8 until a retrieving, output expression or exchanging request is outputted, and when retrieval or exchange is required, the information is respectively retrieved/exchanged by a control part 7 and multimedia exchanging parts 6, 10. The multimedia information is outputted/expressed to an output expressing part 11 in accordance with an output request.



## LEGAL STATUS

[Date of request for examination]  
 [Date of sending the examiner's decision of rejection]  
 [Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]  
 [Date of final disposal for application]  
 [Patent number]  
 [Date of registration]  
 [Number of appeal against examiner's decision of rejection]  
 [Date of requesting appeal against examiner's decision of rejection]  
 [Date of extinction of right]

CLIPPEDIMAGE= JP404237394A  
PAT-NO: JP404237394A  
DOCUMENT-IDENTIFIER: JP 04237394 A  
TITLE: MULTIMEDIA BUSINESS CARD INFORMATION DEVICE

PUBN-DATE: August 25, 1992

INVENTOR-INFORMATION:  
NAME  
IIDA, TORU

ASSIGNEE-INFORMATION:  
NAME  
COUNTRY  
RICOH CO LTD

N/A

APPL-NO: JP03020483  
APPL-DATE: January 21, 1991

INT-CL\_(IPC): G06K021/00; B42D015/02 ; B42D015/10

ABSTRACT:

PURPOSE: To offer a multimedia business card information device for giving deep impression information to a person receiving a business card by means of character image information, video information, or voice information to be time-sequentially and spatially fixed or varied.

CONSTITUTION: An information forming part 1 forms multimedia information such as character image information, video information and voice information to be time-sequentially and spatially fixed or varied to express person or a company, group, etc., to which the person belongs. These information is recorded/stored

in record storing parts 5, 9 and semiconductor memory 8 until a retrieving, output expression or exchanging request is outputted, and when retrieval or exchange is required, the information is respectively retrieved/exchanged by a control part 7 and multimedia exchanging parts 6, 10. The multimedia information is outputted/expressed to an output expressing part 11 in accordance with an output request.

COPYRIGHT: (C) 1992, JPO&Japio

(18) 日本国特許庁 (J P)

(12) 公開特許公報 (A)

(11) 特許出願公開番号

特開平4-237394

(43) 公開日 平成4年(1992)8月25日

(51) Int.Cl. <sup>3</sup>	識別記号	庁内整理番号	F I	技術表示箇所
G 0 6 K 21/00				
B 4 2 D 15/02	5 2 1	6978-2C		
15/10	5 2 1	9111-2C		
		2116-5L	G 0 6 K 21/00	E

審査請求 未請求 請求項の数5 (全 6 頁)

(21) 出願番号 特願平3-20483

(22) 出願日 平成3年(1991)1月21日

(71) 出願人 000006747

株式会社リコー

東京都大田区中馬込1丁目3番6号

(72) 発明者 飯田 敏

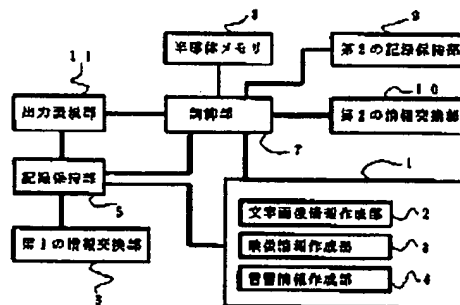
東京都大田区中馬込1丁目3番6号 株式会社リコー内

(54) 【発明の名称】 マルチメディア名刺情報装置

(57) 【要約】

【目的】 時間的、空間的に固定または変動可能な文字画像情報、映像情報および、音声情報により、相手に印象深い情報を与えるマルチメディア名刺情報装置を提供する。

【構成】 情報作成手段1で、表現したい個人および個人が属する会社、団体等の時間的、空間的に固定または変動可能な文字画像情報、映像情報、音声情報等のマルチメディア情報を作成する。これらの情報を検索および出力表現または交換する要求があるまで、記録保持部5、9または半導体メモリ8に記録保持し、検索および交換の必要に応じて制御部7、マルチメディア交換部6、10によりそれぞれ検索、交換する。また、出力要求に応じて出力表現部11にマルチメディア情報を出力表現する。



(19) 日本国特許庁 (J P)

(12) 公開特許公報 (A)

(11) 特許出願公開番号

特開平4-25

(43) 公開日 平成4年(199

(51) Int.Cl.<sup>5</sup>

識別記号

庁内整理番号

F I

技術

G 0 6 K 21/00